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Yatabe et al.

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[54] **ELECTRONIC SYSTEM FOR DISPLAYING ARTIFICALLY PRODUCED ENVIRONMENT PATTERNS**

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[51] **Int. Cl.** **G09b 9/04,** H04n 7/18

[58] **Field of Search** ..... 178/6.8, DIG. 35; 35/11, 35/12 N

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[57] **ABSTRACT**

The display system of the present invention produces simplified environment patterns and these simplified patterns are projected on a screen which is assumed to be located a certain distance to the front of the moving body by converting the *x-y* coordinate of the projected patterns to voltage values, applying these voltage values to an analog electronic circuit constructed in accordance with the equations of the patterns, converting the output electric signals of the analog electronic circuit to electric signals having widths corresponding to the spatial regions, controlling respective color signal generators in proportion to the time widths so that the color signal generators generate color signals corresponding to the color distribution of the environment patterns and producing the environment patterns on a color TV monitor screen by feeding the color signals to the color TV monitor.

9 Claims, 31 Drawing Figures